



# Texas Stream Team

Caring for Our Waters

Submit to:  
Houston-Galveston Area Council  
Clean Rivers Program  
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## WATER QUALITY MONITORING FORM—FRESH

<b>Group ID</b>		<b>Monitors ID #</b>					
<b>Site ID #</b>		<b>Site Description</b>					
<b>Sample Date</b> MM-DD-YY		<b>Sample Time</b> (military: HHMM)		<b>Sample Depth</b> Meters [not total depth]			
<b>Meter Calibration: (Within 24 hours of sampling)</b>				<b>YES</b>		<b>NO</b>	
Calibration	Date	Time	Standard Value	Standard Temp (C°)	Initial Meter Reading	Meter Adjusted To	
Conductivity							
<b>Core Test and Measurements</b>				<b>Reagents:</b> Are any reagents expired?		<b>YES</b>	
				<b>NO</b>			
Conductivity				<b>List Expired Reagents OR reagents that need to be replaced.</b>			
TDS Low/3		TDS High/4					
Air Temperature (C°)							
Water Temperature (C°)				<b>Bacteria (E. coli) Test and Observations</b>			
Average Below	Dissolved Oxygen (mg/L)			<b>INCUBATION</b>		Period (28-31 hrs.)	Temp. (C°) (33+/-3°C)
	1 <sup>st</sup> titration		2 <sup>nd</sup> titration	<b>SAMPLE 1</b>		Sample Size	Dilution Factor (mL) (100/sample size)
pH (Standard Units)				Colonies Counted	X Dilution Factor	=	Colonies /100 mL
SECCHI Disk or Tube Transparency (Meters)				<b>SAMPLE 2</b>		Sample Size	Dilution Factor (mL) (100/sample size)
<b>Total Depth (meters)</b>				Colonies Counted	X Dilution Factor	=	Colonies /100 mL
<b>Field Observations</b>				<b>FIELD BLANK: E.coli colony growth</b>		<b>YES</b>	
FLOW SEVERITY 1-no flow 2-low 3-normal 4-flood 5-high 6-dry				<b>DATA QUALITY REVIEW: Checklist Completed</b>		<b>NO</b>	
ALGAE COVER 1-absent 2-rare (<25%) 3-common (26-50%) 4-abundant (51-75%) 5-dominant (>75%)				<b>Measurement and Field Observations Comments</b>			
WATER COLOR 1-no color 2-light green 3-dark green 4-tan 5-red 6-green/brown 7-black							
WATER CLARITY 1-clear 2-cloudy 3-turbid							
WATER SURFACE 1-clear 2-scum 3-foam 4-debris 5-sheen							
WATER CONDITIONS 1-calm 2-ripples 3-waves 4-white caps							
WATER ODOR 1-none 2-oil 3-acrid (pungent) 4-sewage 5-rotten egg 6-fishy 7-musky							
PRESENT WEATHER 1-clear 2-cloudy 3-overcast 4-rain							
<b>DAYS SINCE LAST SIGNIFICANT PRECIPITATION (runoff)</b>							
(Inches) <b>RAINFALL ACCUMULATION</b> (last 3 days)							
<b>MINUTES (Total Time Spent Sampling and Traveling)</b>		<b>MILES (Total Roundtrip Distance Traveled)</b>		<b>TOTAL NUMBER OF PARTICIPANTS</b>			
CERTIFIED MONITOR'S SIGNATURE					DATE		
DATA MANAGER'S SIGNATURE					DATE		